Amendment Dated: November 23, 2009

Submission in Reply to Office Action Dated: July 22, 2009

## **Amendments to the Claims**

Please amend the claims as follows:

## **Listing of Claims:**

1. (Currently amended): A stable Stable powderous formulation formulations comprising a fat-soluble active ingredient in a matrix formed from a native lupin protein composition wherein the protein in the matrix is cross-linked and the fat-soluble active ingredient is selected from the group consisting of vitamin A, vitamin D, vitamin E, vitamin K, a carotenoid, a polyunsaturated fatty acid, esters of any of the foregoing, and mixtures of any of the foregoing.

2. (Currently amended): <u>The formulation</u> Formulations according to claim 1, wherein the lupin protein composition is a lupin protein isolate having a protein content of more than 90 wt.-%.

3. (Currently amended): <u>The formulation Formulations</u> according to claim 1, wherein the lupin protein composition is a lupin protein concentrate having a protein content of about 60-90 wt.-%.

4. (Currently amended): <u>The formulation</u> Formulations according to claim 1, wherein the lupin protein composition is a lupin protein flour having a protein content of about 40-60 wt.-%.

5. (Currently amended): <u>The formulation</u> Formulations according to claim 1, wherein the native lupin protein composition is selected from the group consisting of a lupin protein isolate having a protein content of more than 90 wt.-%, a lupin protein

Amendment Dated: November 23, 2009

Submission in Reply to Office Action Dated: July 22, 2009

concentrate having a protein content of about 60-90 wt.-%, a lupin protein flour having a protein content of about 40-60 wt.-%, and mixtures of any of the foregoing.

6. (Canceled).

7. (Currently amended): The formulation Formulations according to claim

1, wherein the fat-soluble active ingredient is present in a plant or animal oil or fat.

8. (Currently amended): The formulation Formulations according to claim

1, comprising additionally a reducing sugar.

9. (Currently amended): A food, beverage, animal feed, cosmetic, or drug

Food, beverages, animal feeds, cosmetics or drugs comprising a formulation according

to claim 1.

10. (Canceled).

11. (Currently amended): A process for the preparation of a formulation

comprising preparing an aqueous emulsion of a fat-soluble active ingredient and a

native lupin protein composition, according to claim 10, wherein a reducing sugar is

added and the composition is submitted to cross-linking by heating.

12. (Currently amended): A process for the preparation of a formulation

comprising preparing an aqueous emulsion of a fat-soluble active ingredient and a

native lupin protein composition, according to claim 10, wherein the composition is

submitted to cross-linking by treatment with a cross-linking enzyme.

5

Amendment Dated: November 23, 2009

Submission in Reply to Office Action Dated: July 22, 2009

13. (Currently amended): A process for the preparation of a <u>powderous</u> formulation comprising preparing an aqueous emulsion of a fat-soluble active ingredient and a native lupin protein composition, adding a reducing sugar, and converting the emulsion into a dry powder.

14. (Currently amended) <u>The formulation</u> Formulations according to claim 7, wherein the plant oil is selected from the group consisting of sunflower oil, palm oil and corn oil.

15. (Currently amended) <u>The formulation</u> Formulations according to claim 8, wherein the reducing sugar is selected from the group consisting of glucose, fructose, and xylose.

16. (Currently amended) <u>The A process according to claim 12, wherein</u> the cross-linking enzyme is transglutaminase.

17. (Currently amended) <u>The A process according to claim 13, further comprising submitting the dry powder to heat treatment or treatment with a cross-linking enzyme, to cross-link the protein of the dry powder.</u>

18. (New) A stable powderous formulation comprising a fat-soluble active ingredient in a matrix formed from a native lupin protein composition wherein the protein in the matrix is cross-linked with a reducing sugar.

19. (New) The formulation according to claim 18, wherein the native lupin protein composition is selected from the group consisting of a lupin protein isolate having a protein content of more than 90 wt.-%, a lupin protein concentrate having a protein content of about 60-90 wt.-%, a lupin protein flour having a protein content of about 40-60 wt.-%, and mixtures of any of the foregoing.

Amendment Dated: November 23, 2009

Submission in Reply to Office Action Dated: July 22, 2009

20. (New) The formulation according to claim 18, wherein the fat-soluble active ingredient is selected from the group consisting of vitamin A, vitamin D, vitamin E, vitamin K, a carotenoid, a polyunsaturated fatty acid, esters of any of the foregoing, and mixtures of any of the foregoing.

- 21. (New) The formulation according to claim 20, wherein the fat-soluble active ingredient is present in a plant or animal oil or fat.
- 22. (New) The formulation according to claim 18, wherein the reducing sugar is selected from the group consisting of glucose, fructose, and xylose.
- 23. (New) A food, beverage, animal feed, cosmetic, or drug comprising a formulation according to claim 18.